

Claims

1. An acid addition salt of 4-[(4-methyl-1-piperazinyl)methyl]-*N*-[4-methyl-3-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]phenyl]-benzamide selected from the group consisting of a tartrate salt, such as a (*D*)(-) tartrate salt or a (*L*)(+) tartrate salt, a hydrochloride salt, a citrate salt, a malate salt, particularly a *D*-malate salt, a fumarate salt, a succinate salt, a benzoate salt, a benzenesulfonate salt, a pamoate salt, a formate salt, a malonate salt, a 1,5-naphthalenedisulfonate salt, a salicylate salt, a cyclohexanesulfamate salt, a lactate salt, particularly a (*S*)-lactate salt, a mandelate salt, particularly an (*R*)(-) mandelate salt, a glutarate salt, an adipate salt, a squarate salt, a vanillate salt, an oxaloacetate salt, an ascorbate salt, particularly an (*L*)-ascorbate salt and a sulfate salt.
2. An acid addition salt selected from the group consisting of imatinib ascorbate, imatinib formate, imatinib malonate, imatinib oxaloacetate, imatinib squarate and imatinib vanillate.
3. An acid addition salt of 4-[(4-methyl-1-piperazinyl)methyl]-*N*-[4-methyl-3-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]phenyl]-benzamide selected from the group consisting of a tartrate salt, such as a (*D*)(-) tartrate salt or a (*L*)(+) tartrate salt, a hydrochloride salt, a citrate salt, a malate salt, particularly a *D*-malate salt, a fumarate salt, a succinate salt, a benzoate salt, a benzenesulfonate salt, a pamoate salt, a hemiformate salt, a malonate salt, a salicylate salt, a cyclohexanesulfamate salt, a mandelate salt, particularly an (*R*)(-) mandelate salt, a hemiglutarate salt, an adipate salt, a vanillate salt and a sulfate salt.
4. An acid addition salt selected from the group consisting of imatinib *D*-tartrate, imatinib *D*-malate, imatinib hemiformate, imatinib malonate, imatinib salicylate, imatinib hemiglutamate, imatinib cyclohexanesulfamate, imatinib mandelate, particularly imatinib (*R*)(-) mandelate, imatinib adipate, imatinib vanillate and imatinib sulfate.
5. A pharmaceutical composition which comprises a pharmaceutically acceptable carrier and an acid addition salt of 4-[(4-methyl-1-piperazinyl)methyl]-*N*-[4-methyl-3-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]phenyl]-benzamide selected from the group consisting of a tartrate salt, such as a (*D*)(-) tartrate salt or a (*L*)(+) tartrate salt, a hydrochloride salt, a citrate salt, a malate salt, particularly a *D*-malate salt, a fumarate salt, a succinate salt, a benzoate salt, a benzenesulfonate salt, a pamoate salt, a formate salt, a malonate salt, a 1,5-naphthalenedisulfonate salt, a salicylate salt, a cyclohexanesulfamate salt, a lactate salt, particularly a (*S*)-lactate salt, a mandelate salt, particularly an (*R*)(-) mandelate salt, aq

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glutarate salt, an adipate salt, a squarate salt, a vanillate salt, an oxaloacetate salt, an ascorbate salt, particularly an (*L*)-ascorbate salt and a sulfate salt.

6. A pharmaceutical composition of claim 3 wherein the acid addition salt is selected from the group consisting of imatinib ascorbate, imatinib formate, imatinib malonate, imatinib oxaloacetate, imatinib squarate and imatinib vanillate.
7. Use of an acid addition salt of 4-[(4-methyl-1-piperazinyl)methyl]-*N*-[4-methyl-3-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]phenyl]-benzamide according to any one claims 1 to 4 for the manufacture of a pharmaceutical composition for the treatment of a tumour disease, especially the treatment of leukemia.